

TEXACO
INC.

PETROLEUM PRODUCTS



Please reply to:
P. O. Box 810
Farmington, New Mexico
87401

October 20, 1965

Mr. Emery C. Arnold
New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Dear Sir:

Please refer to your letter of October 5,
1965.

Our well records indicate that the information submitted on the Wayne Moore Well No. 1 is correct as shown on the form C-122-A.

There will be a correction on the C-122-A for the State of New Mexico "B" #1. Depth of casing will be changed from 2577' to 2600'.

Yours truly,

A handwritten signature in cursive script that reads "C. P. Farmer".

C. P. Farmer
District Superintendent

DLC:rm



NEW MEXICO OIL CONSERVATION COMMISSION GAS WELL TEST DATA SHEET — SAN JUAN BASIN

FORM C-122-A
EL PASO 9-1-64

Pool BLANCO Formation MV County SJ
Well Name WAYNE MOORE #1 70600
Unit Ns 16 T 31R 9 Pay Zone 5130 To 5736 Flow String TUBING
Casing O D 4.500 ID 4.090 Set at 5771 Tubing O D 2.375 ID 1.990 L 5615 Top Perf.
Operator TEXACO, INC. Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % of P_c 80 Comm. Designated P_c , psia Period of test flow From 01-14-65 To 01-22-65 SIP Measured 01-29-65
Deadweight Flowing Pressure, psia
Casing (a) Tubing 578 (b) Meter 555 (c) Chart 555 (d)
Deadweight Shut-in Pressures, psia
Casing (j) Tubing 822 (k) Meter Error 0008 (e) Friction Loss 23 (f)
7 Day Avg. Flowing Pres., psia
Chart 540 (g) Corrected 540 (h) P_t 563 (i) Gravity .673
G. I. = 3779 $1-e^{-s} =$.240 F_c 9.464 $(F_c Q)^2$ 68.426

$(1-e^{-s}) (F_c Q)^2 = R^2 =$ 16422 $P_w^2 =$ 316969 $P_w^2 =$ 333391

$Q = \frac{874}{(\text{integrated})} \times \left[\sqrt{\frac{(c) 555}{(d) 555}} = \frac{1.0000}{1.0000} \right] = \frac{1.0000}{1.0000} = \frac{874}{1.0000}$

$D = Q \frac{874}{1.0000} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{242720}{342293} \right]^n = \frac{(.7091)^n}{.7727} = \frac{675}{1.0000}$

REMARKS

SUMMARY

$P_c =$ 822
 $Q =$ 874
 $P_w =$ 577
 $P_d =$ 658
 $D =$ 675

Company TEXACO, INC.
By C. D. Gormer
Title DIST. SUPT.
Witnessed By
Company



70600
1428